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(54) Flame retardant resin compositions

(57) A resin composition comprising (A) an aromatic polymer, preferably, a polycarbonate or aromatic epoxy resin, and (B) a minor amount of an organosiloxane con-

taining phenyl and alkoxy radicals is flame retardant and does not emit harmful gases when burned. It can be molded into parts having optical transparency.

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EUROPEAN SEARCH REPORT

Application Number

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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cls)		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cls)		
X	EP 0 415 070 A (GEN ELECTRIC) 6 March 1991 (1991-03-06) * page 3, line 20 - line 21 * * example 1 * * claims *	1-9	C08L101/00 C08L69/00 C08L63/00 C08K5/54 //(C08L101/00, 83:06), (C08L69/00, 83:06), (C08L63/00, 83:06)		
X	US 4 265 801 A (MOODY ANTHONY G ET AL) 5 May 1981 (1981-05-05) * example 1 *	1-5,7,8			
Y	* claim 1 *	6,9			
D	& JP 54 036365 A				
Y	US 4 197 384 A (BIALOUS CHARLES A ET AL) 8 April 1980 (1980-04-08) * column 2, line 20 - column 3, line 32 * * claim 1 *	6,9			
D	& JP 54 102352 A				
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cls)		
			C08K C08L		
The present search report has been drawn up for all claims					
Place of search	Date of completion of the search	Examiner			
BERLIN	23 February 2000	Hoepfner, W			
CATEGORY OF CITED DOCUMENTS					
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background D : non-written disclosure P : intermediate document					
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons B : member of the same patent family, corresponding document					

ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

EP 98 30 9442

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

23-02-2000

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
EP 0415070	A	06-03-1991	US	5010148 A	23-04-1991
			CA	2016455 A	28-02-1991
			DE	69022931 D	16-11-1995
			DE	69022931 T	30-05-1996
			ES	2079403 T	16-01-1996
			JP	3143951 A	19-06-1991
US 4265801	A	05-05-1981	GB	1604415 A	09-12-1981
			BE	869258 A	25-01-1979
			CA	1128232 A	20-07-1982
			DE	2832893 A	08-02-1979
			FR	2399101 A	23-02-1979
			JP	1565633 C	25-06-1990
			JP	54036365 A	17-03-1979
			JP	62060421 B	16-12-1987
US 4197384	A	08-04-1980	AU	526603 B	20-01-1983
			AU	4292978 A	05-07-1979
			CA	1120174 A	16-03-1982
			DE	2854161 A	12-07-1979
			FR	2413437 A	27-07-1979
			GB	2011919 A, B	18-07-1979
			JP	1489403 C	23-03-1989
			JP	54102352 A	11-08-1979
			JP	63031513 B	24-06-1988
			MX	149406 A	03-11-1983
			NL	7812421 A	02-07-1979

